रजिस्टर्ड सं० डी०---(डी एन)—128/91 REGISTERED NO. D—(DN)—128/91

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 44] नई दिल्ली, शनिवार, नवम्बर 2, 1991 (कार्तिक 11, 1913)
No. 44] NEW DELHI, SATURDAY, NOVEMBER 2, 1991 (KARTIKA 11, 1913)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 2nd November 1991

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Telegraphic address "PATOFFICE".

Patent office Branch, Unit No. 401 to 405, III Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110 005.

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Telegraphic address "PATENTOFIC".

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Telegraphic address "PATENTOFIS".

Patent Office (Head Office) "NIZAM PALACE", 2nd M. S. O. Building, 5th, 6th and 7thFloor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020

Rest of India.

Telegraphic address "PATENTS".

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 2 नवम्बर 1991

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा द्वीप एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600002

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु, राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप मिनिकाय तथा एमिनिदिवी द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनायें, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपर्युक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपर्युक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

REGISTRATION OF PATENT AGENTS.

The following person has been registered as Patent Agent under Section 126(1)(c)(i) of the Patents Act, 1970.

Mrs. R. P. RANJANA,
16, 2nd Cross,
H. M. T. Layout,
Mathikere,
Bangalore-560 054.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed Under Section 135, of the Patents Act, 1970.

19th September, 1991

709/Cal/91 Dr. (Ms.) Amrita Patel and National Dairy Development Board. Process for the manufacture of instant cooking dal analogue.

710/Cal/91 Zimpro Passavant Environmental Systems, Inc. Caustic sulfide wet oxidation process.

20th September, 1991

711/Cal/91 Memminger-Iro GMBH, Method for the detection of faults in a length of textile fabrics.

712/Cal/91 Wisconsin Alumni Research Foundation. Single Phase ac power conversion apparatus.

23rd September, 1991

713/Cal/91 Rxs Schrumpftechnik-Garnituren GMBH, Heat-shrinkable products and method for manufacturing.

714/Cal/91 Siemens Aktiengesellschaft. Exhaust gas system for a thermal power plant, in particular a gas turbine plant.

715/Cal/91 E. I. Du Pont De Nemours And Company. Cellulosic pulp bonded by polyhydroxy acid resins.

716/Cal/91 Mcneil-Ppc, Inc., Additives to feminine hygiene products.

717/Cal/91 Mcneil-Ppc, Inc. Prevention of toxin production using absorbent products.

718/Cal/91 Kronc Aktiengesellschaft. Device for the optically conductive connection of two optical waveguides.

719/Cal/91 Lunar Corporation. Novel 1-alpha hyroxy vitamin D4 and novel intermediates and analogues.

720/Cal/91 Societe Financiere De Gestion. Bulk solids feed valve.

24th September, 1991

721/Cal/91 Hsieh Ch'ing-Lung. A syringe needle destructor.

722/Cal/91 Helmuth Schmoock. Foil and method of making the same.

25th September, 1991

723/Cal/91 Himont Incorporated Compositions of crystalline propylene polymers having a low seal temperature.

724/Cal/91 Combustion Engineering, Inc. An advanced overfire air system for nox control.

725/Cal/91 Bruce Norman Stephen Mudford, Venturi assembly.

26th September, 1991

726/Cal/91 Krupp Koppers GMBH A method of separating aromatics from hydrocarbon mixtures of arbitrary aromatics content.

727/Cal/91 Voest Alpine Industrieanlagenbau Gesellschaft m.b.H. Process for the treatment of wash water from the gas washing system of an iron ore reduction plant.

728/Cal/91 Limitorque Corporation. A switch assembly.

PATENT SEALED

167038. 167039. 167347. 167374. 167381 .167469 167476. 167522. 167546. 167553. 167560. 167566. 167567. 167584. 167645. 167646. 167647. 167648. 167649. 167652. 167654. 167664. 167748. 167750. 167761.

Cal-13
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Mus-05
Bom-02.

RENEWAL FEES PAID

147648. 147742. 147818. 148038. 148382. 148556. 148757. 149167. 149251. 149426. 149535. 149619. 150088. 150224. 150315. 150497. 150517. 150622. 150623. 150668. 150766. 150843. 150936. 150945. 150993. 151347. 151655. 151656. 151667. 151698. 151767. 151787. 151924. 151951. 151958. 151974. 152011. 152022. 152058. 152135. 152137. 152167. 152237. 152244. 152259. 152336. 152420. 152429. 152529. 152605. 152701. 153014. 153015. 153032. 153134. 153164. 153165, 153289, 153533, 153638, 153724, 153748, 153749, 153841. 153861. 153943. 153975. 153982. 154055. 154225. 154229. 154285. 154308. 154332. 154383. 154384. 154386. 154537. 154547. 154577. 154615. 154802. 154867. 154903. 155084. 155403. 155608. 155694. 156033. 156054. 156087. 156088. 156301. 156315. 156367. 156453. 156480. 156523. 156645, 156729, 156930, 156973, 157000, 157079, 157080, 157081. 157117. 157555. 157795. 157811. 157817. 157837. 157841, 157886, 157895, 157947, 157996, 158058, 158067, 158132. 158198. 158331. 158343. 158347. 158450. 158552. 158652. 158859. 158935. 159003. 159046. 159186. 159282. 159283. 159344. 159345, 159346. 159412. 159446. 159461. 159506. 159583. 159617. 159618. 159723. 159746. 159836. 159858. 159895. 160115. 160142. 160209. 160274. 160329. 160403. 160410. 160507. 160658. 160754. 160798. 160802. 160906. 160908. 160958. 161058. 161204. 161262. 161276. 161375. 161393. 161547. 161548. 161551. 161622. 161623. 161633. 161723. 161744. 161776. 161782. 161801. 161843. 161910. 161972. 161985. 162002. 162099. 162191. 162306. 162360. 162373. 162421. 162485. 162571. 162614. 162630. 162680. 162819. 162830. 162844. 162910. 162912. 163109. 163169. 163215 163268. 163629. 163272. 163331. 163351. 163356. 163421. 163459. 163462. 163621. 163622. 163626. 163629. 163647. 163677. 163679. 163680. 163712. 163812. 163813. 163819. 163828. 163867. 163969. 164002. 164006. 164164, 164304, 164350, 164541, 164561, 164620, 164738, 164834, 164917, 165017, 165147, 165335, 165336, 165337, 165416. 165721. 165982. 166226. 166364. 166407. 166740. 166826. 166830. 166853. 166872. 167104. 167368. 167561. 167691. 167692. 167696. 167697. 167698. 167699 167784.

Registration of Assignments, Licences etc., (Patents)

Assignments, Licences or other transactions affecting the interests of the original Patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests.

149884 & 156750—Indian Petrochemicals Corporation Limited.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rules 36 of the Patents Rules, 1972.

The classification given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत् विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए गए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

नीचे सूचीगत विनिर्देशों की सीमित संख्यक मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है (अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार, जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Class : 148 H.

Int. Class : H05G 1/02. 169511.

DEVICE FOR SLIT RADIOGRAPHY WITH IMAGE EQUALIZATION.

Applicant : B. V. OPTISCHE INDUSTRIES "DE OUDE DELFT" of VAN MIEREVELTLAAN 9, 2612 XE DELFT, THE NETHERLANDS

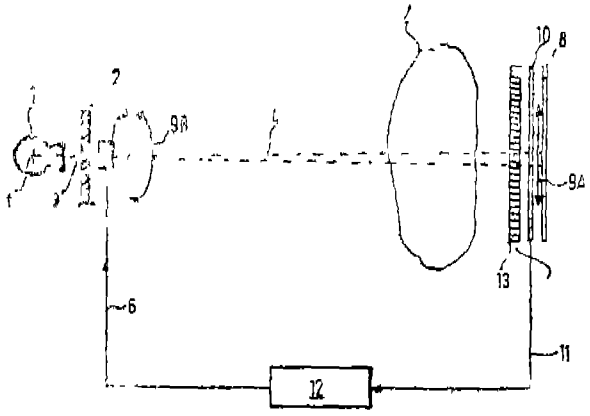
Inventor : HENDRIK MULDER.

Application No. 362/Cal/1988 filed on May 3, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

17 Claims.

Device for slit radiography with image equalization, comprising an X-ray source which can scan a body for examination via a slit of a slit diaphram with a flate, fan-shaped X-ray beam over a scanning path in a direction transverse to the lengthwise direction; of the slit for forming an X-ray shadow-graph on an X-ray detector; an absorption device which under the control of control signals can influence the fan-shaped X-ray beam per section thereof, in order to permit control of the X-ray radiation falling in each sector on the body to be examined; and detection means which are designed to detect the quantity of X-ray radiation transmitted by the body instantaneously per sector during a scanning movement of the X-ray beam and to convert it into corresponding signals, *characterized* in that the detection means comprise a two dimensional dosimeter for ionizing radiation which is place beyond the body to be examined, is of a width corresponding to the width of the flat, fan-shaped X-ray beam and a height corresponding to the total scanning distance, and which has at least one series of essentially parallel electrodes extending in the direction of scanning and connected to a control device for forming control signals for the absorption device, and has at least one counter electrodes, opposite the series of parallel electrodes.



Compl. Specn. 14 Pages. Drgs. 3 Sheets

Classes : 85-J, 70-B. 169512.

Int. Class : F72B, 13/00, 13/14; C25B 11/00.

CLOSURE DEVICE FOR AN OPEN CHAMBER RING FURANCE.

Applicant : ALUMINIUM PECHINEY of 23, RUE BALZAC 75008, PARIS, FRANCE.

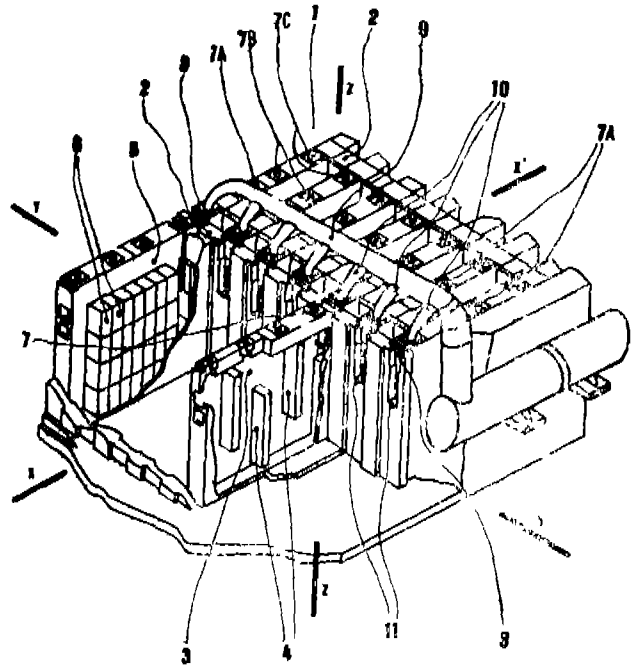
Inventors : CHRISTIAN DREYER, BERNARD BOFFA.

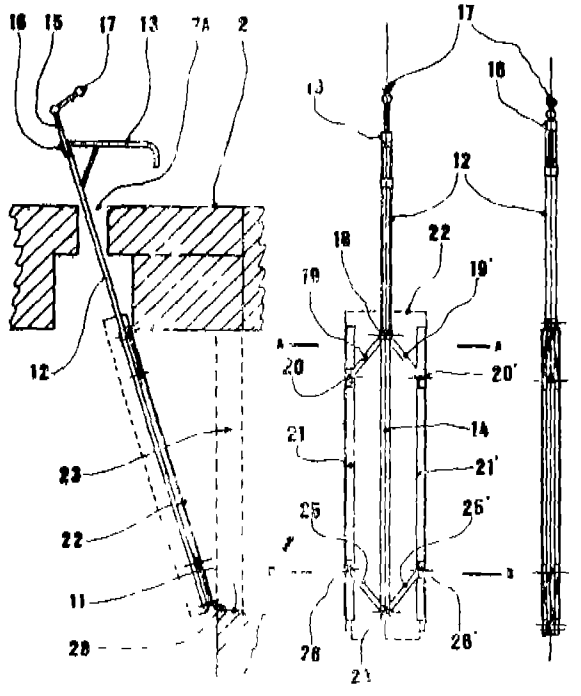
Application No. 380/Cal/1988 filed on May 11, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

6 Claims.

Closure device for an open chamber ring furance for interrupting the circulation of air between each of the heating partitions 3 of a chamber 1 and the corresponding partitions of the adjacent chamber, this circulation normally taking place through a passage 8 formed in the upper part of the transeverse separation wall 2 between the partitions 3 of adjacent chambers, each partition having a plurality of draft holes 7 in its upper part, characterised in that it consist of a flexible, rectangular, substantially air impermeable closure 22, such as a flexible fabric supported on each of its two opposite long sides by supports 21, 21', these two sections being connected at their terminal parts by two link rods 19-19'—25-25' articulated on the one hand on each section 19-19' and on the other at their junction point 18,24, the first articulated junction 18 being arranged on a main section 12 forming a support, and the second articulated junction being arranged on a traction arm 14 mobile along the main section 12.





Compl. Specn. 10 Pages Drgs. 4 Sheets

Class : 185 3 & 4 187D; 169513

Int. Class : H01R 11/00, 9/00.

A FRAME FOR HOLDING CONNECTOR BANKS FOR CONNECTING DIFFERENT CABLES IN TELE-COMMUNICATION SYSTEMS.

Applicant : KRONE AKTIENGESELLSCHAFT of BEES-KOWDAMM 3-11, D-1000 BERLIN 37, FEDERAL REPUBLIC OF GERMANY.

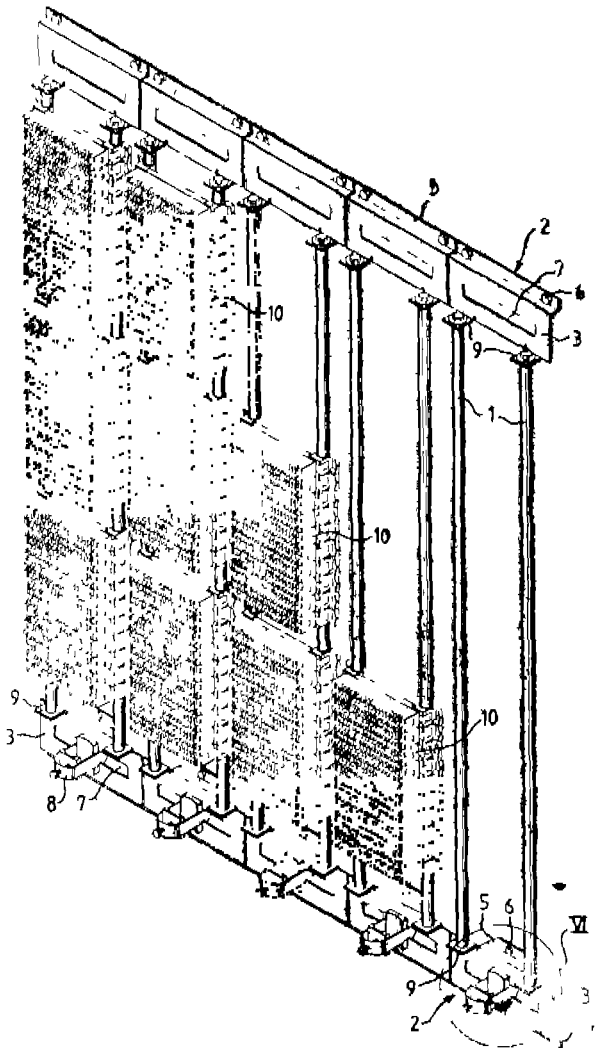
Inventors : (1) DIETER GERKE, (2) LUTZ BIEDERS-TEDT, (3) EBERHARD KLAIBER, (4) MANFRED MULLER.

Application No. 392/Cal/198 filed on May 16, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

13 Claims

A frame for holding connector banks for connecting different cables in telecommunication systems comprising a mounting support, having at least one connecting element for removably securing at least one connector bank, characterised in that said mounting support consists of at least one section rail (1) secured to a support section (2), connector bank/banks (10) being provided with a snap element (26) as connecting element (25) said snap element (26) being displaceable on said section rail (1).



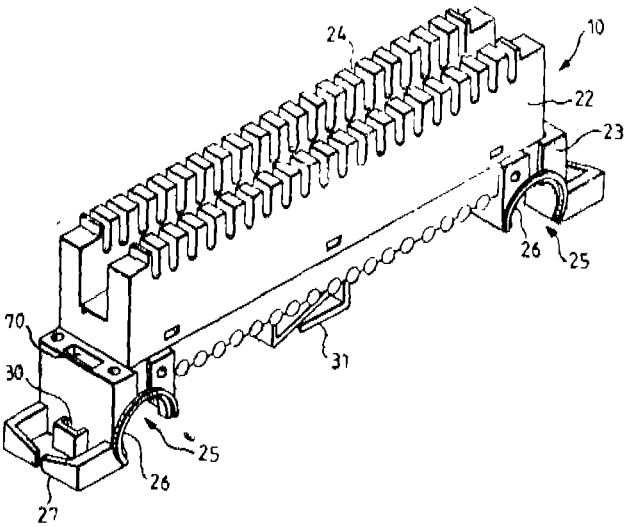
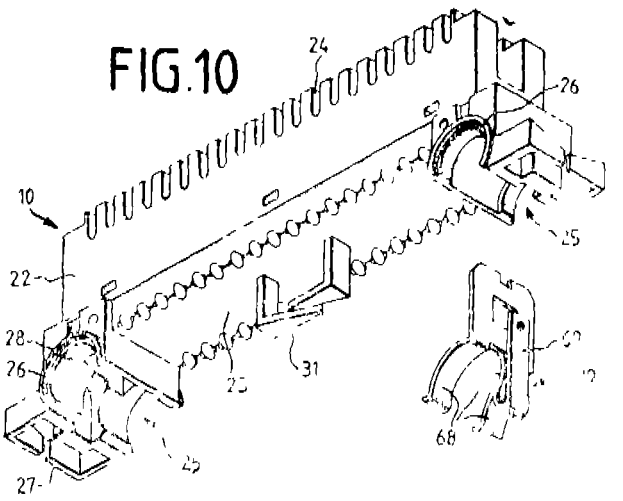


FIG.10



Compl. Specn. 16 pages. Drgs. 16 Sheets.

Class : 76-E & 127-I. 169514.

Int. Class : F16B 2/06, 1/00.

A METHOD OF SECURING A DRIVE ELEMENT OF A HALLOW SHAFT TO FORM AN IMPROVED DRIVE ASSEMBLY.

Applicant : EMITEC GESELISCHAFT FOR EMISSIONS-TECHNOLOGIE of HAUPTSTRASSE 150, D-5204 LOH-NAR 1, WEST GERMANY.

Inventors : (1) HEIMUT SWARS, (2) WOLFGANG MAUS, (3) RUDOLF-JOCHEN SCHULZE.

Application No. 400/Cal/1988 filed on May 19, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

1 Claim

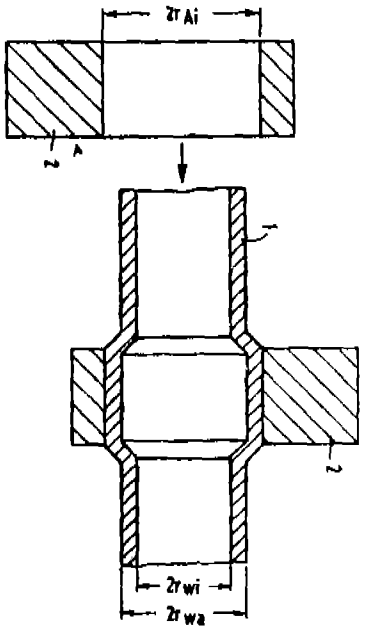
A method of securing a drive element on a hollow shaft to form a drive assembly, comprising the steps of :

(a) slipping the drive element to the required position on said hollow shaft and

(b) subjecting the portion of the hollow shaft to hydrolic expansion in the region of the drive element the hollow shaft being selected from a material having a modulus of elasticity of less than 150,000 N/mm and the drive element being selected from a material as herein described and wherein the

said hollow shaft of the said drive element secured on the same, have a relationship such that :

$\sigma F_A \geq 0.6\ \sigma F_w\ E_A / E_w\ [(r_{wa}/r_{wi})^2 - 1]$, and $r_{Ai} - r_{wa} \geq \sigma F_w / E_w$. r_{wa}, and wherein σF_A is the yield point E_A is the modulus of elasticity of the material of said drive elements, σF_w is the yield point and E_w is the modulus of elasticity of the material of the shaft in N/mm^2, r_{wa} is the outside radius and r_{wi} is the inside radius of said shaft, and r_{Ai} is the inside radius of said drive element, in mm.



Compl. Specn. 7 Pages. Drgs. 1 Sheet.

Class : 126 A. 169515.

Int. Class : G01B, 7/06.

EDDY-CURRENT NONDESTRUCTIVE TESTING DEVICE.

Applicant : FIZIKO-ENERGETICHESKY INSTITUT AKADEMII NAUK LATVIISKOI SSR of RIGA, ULITSA AIZKRAUKLES, 21, USSR.

Inventor : VALERY VALETNINOVICH GAVRILIN.

Application No. 403/Cal/1988 filed on May 19, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

1 Claims

An eddy-current nondestructive testing device comprising a radio-frequency (RF) oscillator (4), a radio-frequency (RF) amplitude detector (5) a differential eddy-current transducer (3) whose excitation winding (8) is connected to the output of the RF oscillator, a first measuring winding (8) and a second measuring winding (10) thereof being connected in opposition; the free terminal of the second measuring winding (10) is connected to a zero potential bus, a direct-current amplifier (6), an indicator (7) whose input is connected to the output of the direct-current amplifier, a resistive-capacitive voltage divider made in the form of a four-arm bridge, a resistor (12) and a capacitor (13) being inserted in one pair of opposite arms of said bridge, the free terminal of said capacitor is connected to the zero potential bus (11), the other pair of opposite arms of said bridge is connected to a resistor (14) whose one terminal is connected to the zero potential bus (11); a varicap (15) and a capacitor (16) connected in series, the point (17) of connection of the resistors (12, 14) in the matched resistive arms is connected to the point of connection of the varicap (15) and capacitor (13) in its capacitive matched arms, said last point (18) being connected to the centre tap (19) of the measuring windings (9) of the differential eddy-current transducer (3); the point (20) of connection of the matched resistive and capacitive arms including the varicap (15) is connected to the output of the differential eddy-current transducer (3) and is connected through an isolation capacitor (21) is connected to the input of the RF amplitude detector (5) a low frequency (LF) generator (22) whose output is connected through an isolation capacitor to the point (24) of the connection of the cathode of the varicap (15) and the capacitor (16) in the capacitive arm of the resistive capacitive transducer, said point (24) being connected through a resistive voltage divider (25, 26) to a d-c positive voltage source; a circuit for measuring the minimum amplitude of the IF signal built around an operational amplifier (28) whose non-inverting input is connected to the output of the RF amplitude detector (45) while the inverting input is connected through a first resistor (29) to the d-c positive voltage source (27) and through a second resistor (30) is connected to the direct-current amplifier (6) connected through a third resistor (31) to the d-c positive voltage source, through a capacitor (32) is connected to the zero potential bus (11) and to the anode of a diode (33) whose cathode is connected to the output of the operational amplifier (28); a unit (24) for conversion of low negative deviations of the output signal's whose input is connected to the direct-current amplifier (6) and to the input of the indicator (7); a controlled voltage source (35) whose input is connected to the output of the unit (34) for convertion of low negative deviations of the output signal, while the output is connected through a delay circuit (36, 37, 38) to the input of the RF amplitude detector (5).

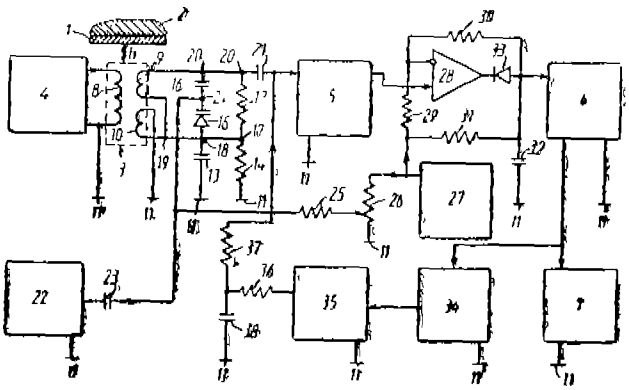


FIG. 1

Compl. Specn. 15 pages. Drgs. 2 Sheets.

Class : 80 J 169516.

Int. Class : E03B, 3/18.

SLOTTED PIPES.

Applicant : HYDERABAD INDUSTRIES LIMITED of SANATNAGAR, HYDERABAD 500 018, ANDHRA PRADESH, INDIA.

Inventor : MARASA SAMBASIVA RAO.

Application No. 415/Cal/1988 filed on May 24 1988.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta

10 Claims.

A slotted pipe having a plurality of slots through its wall characterized in that the said slots are staggered slots extending from the outer periphery of the pipe to the inner periphery of the pipe, said slots further having larger area on the outer periphery of the pipe than the area on the inner periphery of the pipe.

Compl. Specn. 7 pages. Drgs. 2 Sheets.

Class : 39 A & K, 40-F. 169517.

Int. Class : C01B 7/19; C01B 21/38.

PROCESS FOR THE PRODUCTION OR RECOVERY OF ACIDS FROM METALLIFEROUS SOLUTIONS OF SUCH ACID.

Applicant : MASCHINENFABRIK ANDRITZ ACTIENGESELISCHAFT STATTEGGERSTRABE 18 A-8045 GRAZ-ANDRITZ, AUSTRIA.

Inventors : (1) DR. WILHEIN KARNER, (2) DR. HEINZ KRIVANCE, (3) JUANITO HORN.

Application No. 419/Cal/1988 filed May 25, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

3 Claims.

Process for producing and subsequently recovering acides such as herein described from solutions containing such acids, in particular solutions containing metal salts, by spray roasting of the solution and subsequent absorption/condensation of the gases formed thereby, the solids arising therefrom being withdrawn, characterised, in that for the production or recovery of nitric acid or a mixture of nitric acid and hydrofluoric, acid from their solutions, in particular solutions containing cations such as Fe, Cr, Ni, Ti, Zr, Al and others, such solutions are atomised at a temperature in the range of 200 to 500°C, and the gases formed thereby are absorbed and/or condensed in an aqueous absorption solution at a temprature of 0 to 70 C, optionally in the presence of an oxidising agent such as herein described.

Compl. Specn. 20 Pages. Drgs. 2 Sheets.

Class : 64-B-1.

Int. Class : H01P, 5/00. 169518.

CONVERTERS SYSTEM FOR COUPLING TWO HIGH VOLTAGE THREE-PHASE NETWORKS.

Applicant : SIEMENS AKTIENGESELISCHAFT of WITTEISBACHERPLATZ 2, D-8000 MUNCHEN2, WEST GERMANY.

Inventor : HEINZ WIENDL.

Application No. 446/Cal/1988 filed on June 1, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

7 Claims.

A System for coupling two high-voltage three phase networks comprising :

A first converter transformer and a second converter transformer coupled to a first one of the two networks;

a third converter transformer and a fourth converter transformer coupled to a second one of the two networks;

said first and third converter transformers each comprise,

a first secondary winding including three phases that are Y-connected, and

said second and fourth converter transformers each comprise.

a second secondary winding including three phases that are delta connected;

a first semiconductor network coupled to said first and second converter transformers;

a second semiconductor network coupled to said third and fourth converter transformers,

Control circuitry coupled to said first and second semiconductor networks and producing control signals so that one of said semiconductor networks acts as a rectifier and one of said semiconductor networks acts as an inverter;

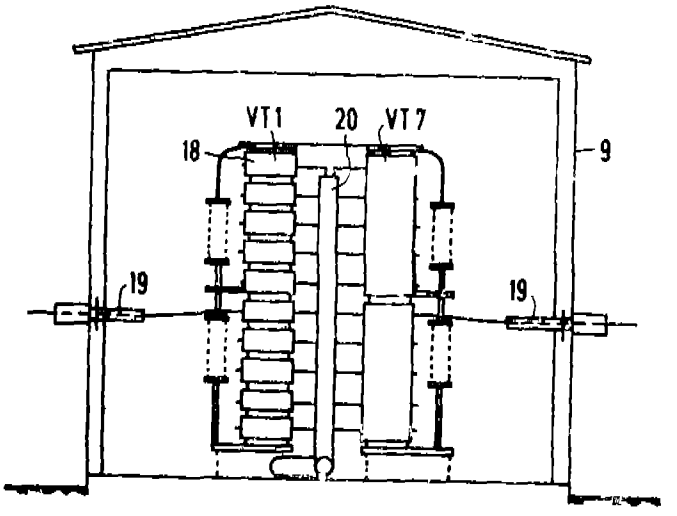
wherein each semiconductor network comprises, a plurality of valve towers, the number of valve towers being equal to the number of phases of two secondary windings of the two converter transformers coupled to said semi conductor network;

wherein each valve tower comprises, a pluffality of modules stacked atop one together, where the number of modules in the valve towers depends upon the desired power throughput, wherein each module comprises,

a valve choke and two thyristors,

a uniform insulator spacer disposed between adjacent modules in the valve tower;

wherein each of the phases of the secondary windings is coupled to a rectifier bridge composed of a plurality of modules of one of said valve towers.



Compl. Specn. 17 Pages. Drgs. 3 Sheets.

Class : 128G.

Int. Class : A61B 17/06. 169519.

SURGICAL NEEDLES FROM HIGH STRENGTH STEEL ALLOY AND METHOD OF PRODUCING THE SAME.

Applicant : ETHICON, INC. of U. S. ROUTE No. 22, SOMERVILLIE, N. J. 08876, UNITED STATES OF AMERICA.

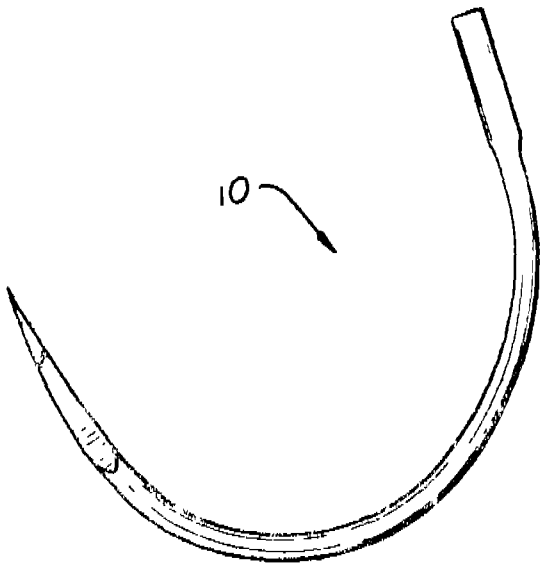
Inventor : LEE P. BENDEL.

Application No. 448/Cal/1988 filed on June 1, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

4 Claims.

A surgical needle comprising a cold drawn, age hardened iron-base alloy containing, by weight, about 9-13 per cent chromium, about 8-16 per cent cobalt, about 4-8 per cent molybdenum, about 4-8 per cent nickel, the balance being essentially iron and incidental impuritles, in which said elements are balanced to provide an austenite retention index ("ARI") value of from about 18 to 22.8, as calculated from the equation :



Compl. Specn. 11 Pages. Drgs. 3 Sheets.

Class : $32F_1$ 50B. 169520.

Int. Class : C07 17/00, 17/154. F25 B9/00

A REFRIGERANT HAVING HALOCARBON BLENDS.

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor : DONALD BERNARD BIVES; HELEN ANN CONNON.

Application No. 464/Cal/1988 filed on June 7, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

7 Claims

A refrigerant comprising 10 to 60 weight percent of a first halocarbon having a boiling point at atmospheric pressure in the range of -50°C to -30°C, 10 to 60 weight percent of a second halocarbon having a boiling point at atmospheric pressure in the range of —(to —5° C, and 10 to 75 weight percent of a third halocarbon having a boiling point at atmospheric pressure in the range of —15°C to 30°C; said second halocarbon being higher boiling than said first halocarbon and said third halocarbon being higher boiling than said second halocarbon; said halocarbons containing at least one fluorine atom, at least one of said halocarbons containing a hydrogen atom; said first and third halocarbons being nonflammable; said first, second and third halocarbons and their proportions being chosen such that the resulting refrigerant is nonflammable and has a vapor pressure substantially equal to the vapor pressure of dichlorodifluoromethane over the temperature range of 0°C to 100°C; said refrigerant having substantially lower ozone depletion potential than the ozone depletion potential of dichlorodifluoromethane, said refrigerant excluding dichlorodifluoromethane.

Compl. Specn. 16 Pages. Drgs. N I L.

Ind. Class : 32-E—[GROUP-IX(1)] 169521

Int. Cl.[4] : C 08 F 114/06, 118/06, 118/10.

A PROCESS FOR THE PREPARATION OF A LATEX OF A HOMO-OR CO-POLYMER OF VINYL CHLORIDE

Applicant: :ATOCHEM, A FRENCH BODY CORPORATE, FRANCE, OF LA DEFNESE 10, 4 & 8 COURSE MICHELET, 92800 PUTEAUX, FRANCE.

Inventor : DANIEL BRULET.

Application No. 240/MAS/87 filed April 2, 1987.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

9 Claims (No Drowing)

A process for the preparation of homo or copolymer of vinyl chloride latex having particle size of 0.2 to 0.8 um (mean diameter) wherein a microsuspension of the corresponding monomer or monomers is polymerized by forming a fine dispersion of the monomer or monomers in an aqueous medium containing from 0.0005 to 0.05% by weight, 2, 6-ditert-butyl-para-cresol in relation to the total weight of the monomer or monomers, at least one anionic emulsifying agent and optionally, at least one nonionic emulsifying agent; in the presence of a organosoluble polymerisation initiator such as hereinbefore described from 0.004 to 0.16% by weight, based on the total weight of the monomer or monomers, expressed as active oxygen, and carrying out the polymerisation at a polymerisation temprature (θ_1) in the range of 30 to 65°C, wherein course of the polymerisation, from 0.0005 to 0.05% by weight 2,6-ditert.-butyl-para-cresol, in relation to the total weight of the monomer or monomers is added in a continuous manner to the reaction medium when the temperature of the reaction medium (θ_2) is not more than 5 °C above (θ_1).

(Com.—14 pages)

Ind. Cl : 195C, D [GROUP XXIX (3)] 169522

Int. Cl. : F 16K 1/00; 3/00; 11/00; 51/00.

A VALVE ASSEMBLY FOR USE IN CONTROLLING A PLURALITY OF FLUID OPERATED FUNCTIONS.

Applicant : DOBSON PARK INDUSTRIES PLC, of Dobson Park House, Colwick Industrial Estate, Nottingham, Nottinghamshire, England, a British Company.

Inventor : RICHARD WARD

Application No. 241/MAS/87 filed on 2nd April, 1987.

Convention dated 3-4-1986 No. 8608176 (United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

14 Claims

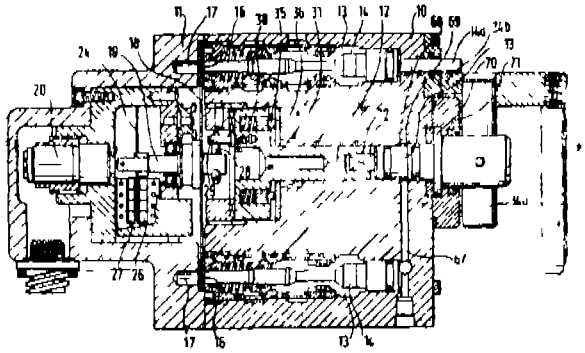
A valve assembly for use in controlling a plurality of fluid operated functions, said value assembly comprising;

a plurality of valve means each having a valve member, valve seat means and valve port means for carrying out a fluid control function, each said valve means being movable independently along a respective first path from an inoperative position to an operative position by fluid pressure;

fluid supply means for supplying fluid simultaneously to all of said valve means;

interposer means for permitting at least one said valve means to move along said first path from said inoperative position to said operative position in response to a supply of fluid from said fluid supply means while at the same time preventing the remaining valve means from moving to said operative position, said interposer means being movable along a second path which intersects each of said first paths of said valve means; and

valve member receiving space for receiving at least one of said valve members upon movement of said valve members along said first path and through said second path, said valve member receiving space being disposed on one side of said second path, each said valve member in said inoperative position being disposed on the other side of said second path to said valve member receiving space, thereby enabling said valve means to be selectively operable.



(Com. Spec.—18 pages; Drgs.—19 sheets).

Ind. Cl. : 84 C_2 [GROUP XXXII (2)]

Int. Cl.[4] : H 04 L 5/00, 9/00.

PROCESS AND DEVICE FOR PRODUCING FIBROUS AND/OR GRANULAR MATERIAL FROM WASTE MATERIAL.

Applicant : ORGAN-FASER TECHNOLOGY COMPANY N. V., OF DE RUYTERKADE 62 CURACAO, ANTILLES NEERLANDAISES, A DUTCH COMPANY.

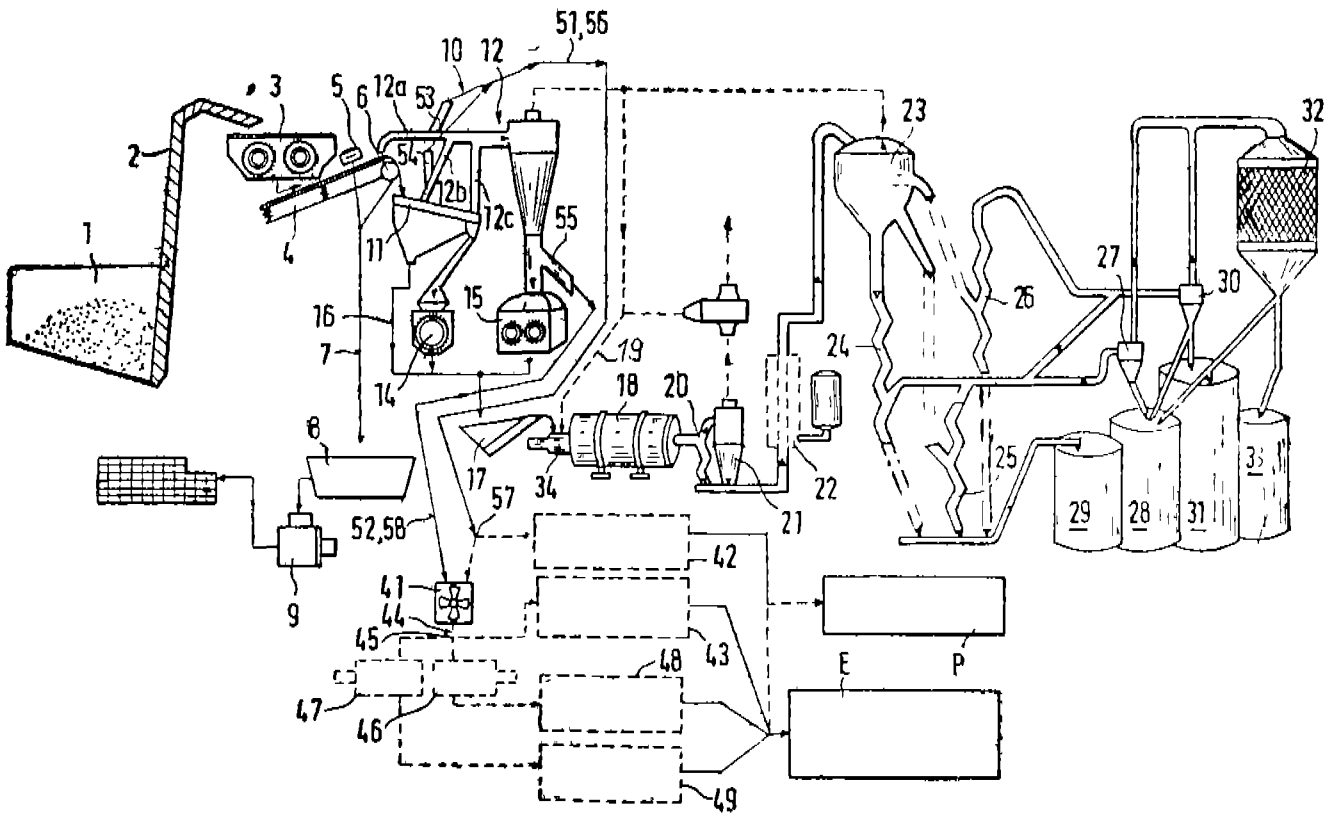
Inventor : JOSEF FREI.

Application No. 248/MAS/87 filed on 3rd April, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

11 Claims.

A process for producing fibrous and/or granular material from waste material comprising subjecting the waste material sequentially to primary comminution, magnetic separation, classification, drying and fractionation to obtain a light fraction end a heavy fraction wherein the light fraction is subjected to secondary comminution after magnetic separation by cutting and the heavy fraction to secondary comminution predominantly by granulation, and thereafter both comminution products are recombined, dried and fractionated into fibrous matter and granular material, at least a part or the whole stream of the light fraction being diverted before the secondary communication and supplied, directly and/or after comminution in a further comminution unit, to further utilization.



Com. Spec.—18 pages; Drgs.—one sheet)

Ind. Class—40-H—[GROUP-IV(1)] 169524

Int. Cl.[4]—C 08 J 5/22
B 01 D 13/04.

A PROCESS OF SEPARATING OXYGEN FROM A GAS MIXTURE CONTAINNIG OXYGEN AND NITROGEN.

Applicant : THE DOW CHEMICAL COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF 2030 DOW CENTER, ABBOTT ROAD, MIDLAND, MICHIGAN 48640, U.S.A..

Inventors : (1) JOGINDER N ANAND.
(2) DARRELL C. FEAY
(3) STEPHEN E. BALES
(4) THOMAS O. JEANES.

Application No. 257/MAS/87 filed on April 7, 1987.

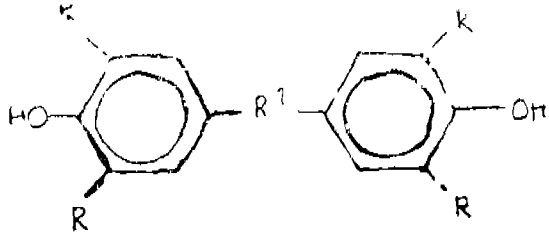
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

4 Claims

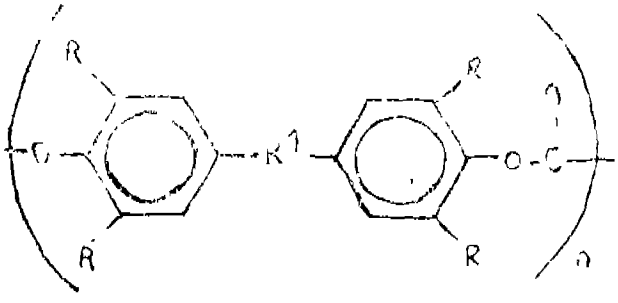
A process for the separation of oxygen from a gas mixture containing oxygen and nitrogen comprising the steps

of allowing the said gas mixture to permeate through a membrane formed as a thin layer from a carbonate polymer derived from a bisphenol having the formula 1 of the accompanying drawing.

in which, each R is independently H, Cl, Br or C_1—C_4 alkyl and R^1 is CO, S, SO_2, O a C_1-C_6 divalent hydrocarbon radical a C_1-C_6 divalent fluorocarbon radical, C_1-C_6 divalent hydrocarbon radical, wherein at least 25 weight % of the moieties derived from the bisphenol present in the thin layer bear R groups which are exclusively, Br, Cl or mixtures thereof; maintaining the temperature of the membrane between 0 to 80°C, maintaining a pressure difference across the membrane between 40 paisa and 200 paisa removing the permeated oxygen existing from the other side of the membrane.



FORMULA I



FORMULA II

(Com.-33 pages; Drwgs.—1 sheet)

Ind. Class—40H—[GROUP—IV(1)]

Int. Cl. —C 08 J 3/22.
B 01 D 13/04.

A PROCESS FOR SEPARATING OXYGEN FROM A MIXTURE OF GASES CONTAINING OXYGEN AND NITROGEN.

Applicant : THE DOW CHEMICAL COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF 2030 DOW CENTER, ABBOTT ROAD, MIDLAND, MICHIGAN 48640, UNITED STATES OF AMERICA.

Inventors : (1) JOGINDER N. ANAND.
(2) DARRELL C. FEAY
(3) STEPHEN E. BALES
(4) THOMAS O. JEANES.

Application No. 258/Mas/87 filed on April 7, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

4 Claims

A process for the separation of oxygen from a mixture of gases containing oxygen and nitrogen comprising the steps of

(a) allowing the said gas mixture to permeate through one side of a membrane comprising a layer of a polyestercarbonate having the formula 1 of the accompanying drawings.

wherein A is as shown in figure 1 of the accompanying drawings wherein R^1 is separately in each instance -CO- -SO_2-, -O-, a single direct bond, a C_{1-6} divalent hydrocarbon radical, a C_{1-6} divalent hydrocarbon radical, a C_{1-6} divalent fluorocarbon radical, or an C_{1-6} divalent hydrocarbon radical;

R^2 is separately in each instance a C_{1-20} divalent hydrocarbon radical or a C_{1-20} divalent hydrocarbon radical, substituted with one or more halo moieties; W is the residue of a monofunctional compound which is reactive with a chloroformate functionality

x is 0 or 1

y is 0 or 1;

n is at least, 50

with the proviso that the ratio of units wherein x=1 to units wherein y=1 is between 99:1 to 1:99, the said membrane having a separation factor for oxygen and nitrogen of atleast 6.5 at 24°C;

at a pressure across the membrane of between 40 psig (275 kPa) to 200 psig (1379 kPa) and temperature of between 0° to 80°C.

(b) removing the permeated oxygen from the other side of the membrane.

(Com.-30 pages; drwgs.-2 sheets)

Ind. Class—206-E—[GROUP—LXII] 169526

Int. Cl. -H 04 B 5/04.

A SCANNING RADIO PAGING RECEIVER FOR A PAGING SYSTEM.

Applicant : METROCAST, A GENERAL PARTNERSHIP DULY ORGANIZED UNDER THE LAWS OF THE STATE OF CALIFORNIA, OF 11021, VIA FRONTERA, SAN DIEGO, CALIFORNIA 92127, U.S.A.

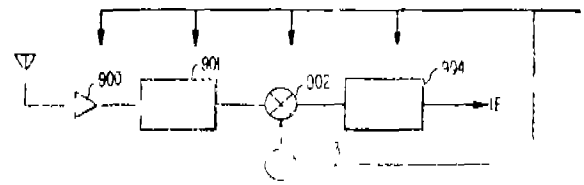
Inventors : (1) H DEAN CUBLEY.
(2) BARTUS H. BATSON.
(3) THOMAS D. DI NOTO.
(4) JOHN B. MACLEOD.
(5) ROBERT M. SKOMER.

Application No. 269/MAS/87 filed on April 10, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

4 Claims

A scanning radio paging receiver for a paging system, said receiver comprising; antenia means for receiving a paging signal; mixer means coupled to said antenna means for mixing said paging signal with a local oscillator signal to produce an 1F signal; oscillator means coupled to said mixer means for generating said local oscillator signal; logic means connected to said oscillator means for controlling said oscillator means to generate said local oscillator signal at a plurality of predetermined frequencies, wherein said paging receiver is caused to scan a corresponding plurality of paging signal frequencies; and detector means coupled to the output of said mixer means for detecting the paging signal on each of said scanned frequencies.



(Com.—68 pages; Drwgs.—9 sheets)

Ind. Class—205B—[GROUP-LVT] 169527.

Int. Cl. -B 29 D 30/08.

A METHOD AND AN APPARATUS FOR THE MANUFACTURE OF A TIRE HAVING ATLEAST ONE REINFORCEMENT FORMED FROM A CONTINUOUS CORD.

Applicant : MICHELIN & CIE (COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN)., OF 63040 CLERMONT-FERRAND, CEDEX, FRANCE.

Inventors : (1) DANIEL LAURENT.
(2) JEAN CLAUDE MAYET.

Application No. 295/MAS/87 filed on April 22, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

14 Claims

A method of manufacturing a tire having at least one reinforcement formed from a continuous cord, characterized by the fact that

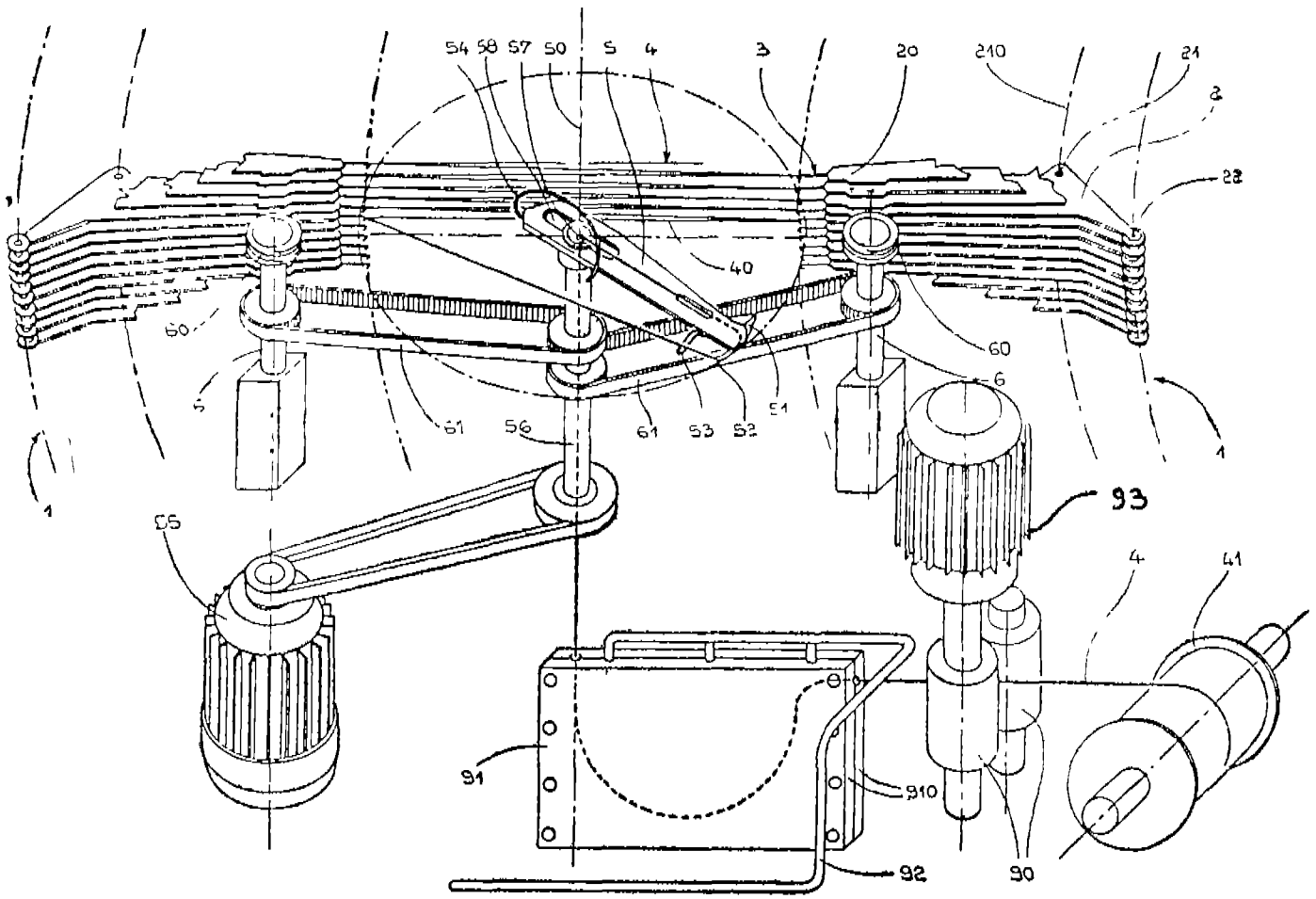
(a) on or more layers of rubber are applied on a rigid core which defines the shape of the inner surface of the tire and the continuous cord is hooked to retention means disposed in two circles which are at a distance apart corresponding to the length of the path of the cord from one side of the reinforcement to the other so that the cord disposed in this way defines a cylinder by a plurality of passes back and forth from one retention means to another.

(b) the rigid core is inserted within the cylinder,

(c) by a suitable movement of the retention means, the cord which is disposed in this way is folded back on and around the rigid core,

(d) releasing the retention means after anchoring the cord,

(e) moulding the tire in a known manner.



(Com.-29 pages; Drwgs.-12 sheets).

Ind. Cl. 172 B [GROUP XX] 169528

Int. Cl. : C 03 B 37/00.

A METHOD AND AN APPARATUS FOR MANUFACTURING A CONTINUOUS MINERAL WOOL WEB.

Applicant : OY PARTEK AB (also known as PARTEK CORPORATION), a joint stock company organized under the laws of Finland, of SF-21600 Parainen, Finland.

Inventors : (1) LAUREN HENNING
(2) NURMI TOM EMIL EDGAR.
(3) MOISALA TAPIO OLAVI

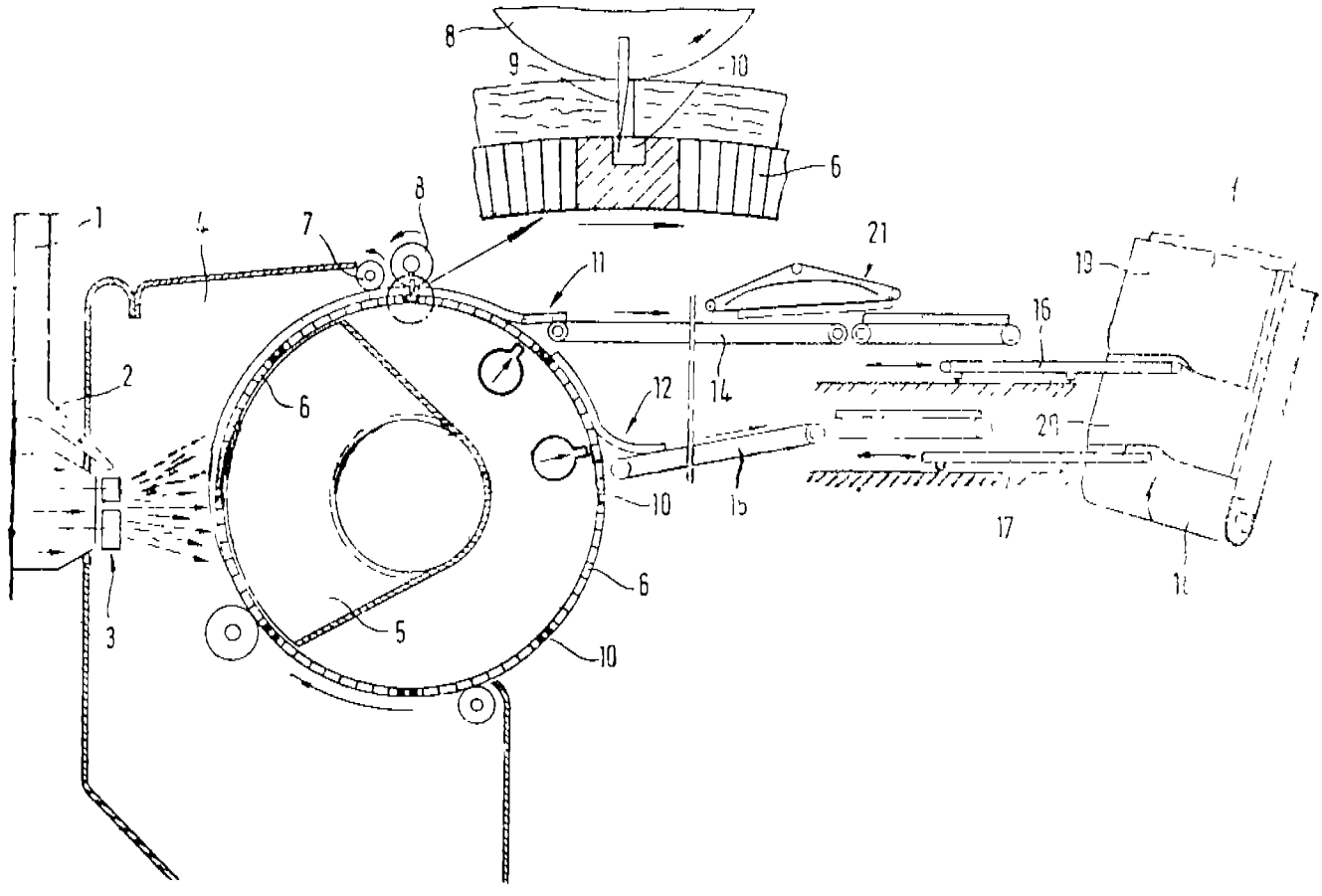
Application No. 300/MAS/87 filed on 23rd April, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

18 Claims

A method of manufacturing a continuous mineral wool web comprising melting and fiberlizing minerals, collecting the mineral fibres onto a movable collecting surface provided with a binding agent and transferring the same to a receiving conveyor moving at a speed which is slower than that of the collecting surface to deposit the same in a plurality of

overlapping layers to from a primary web, splitting the said primary web into separate sheets, feeding the said separated sheets in two or more flows of sheets to the receiving conveyor.



(Com. Spec.—18 pages; Drgs.—one sheet)

Ind. Class—160-A-[GROUP-LII(3)] 169529

Int. Cl[4] —B 62 D 55/08.

A TRACK SHOE FOR AN ENDLESS TRACK ASSEMBLY.

Applicant : CATERPILLAR INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF 100 N. E. ADAMS STREET, PEORIA, ILLINOIS 61629-6490, U.S.A.

Inventors : (1) JON SCOTT BURDICK.
(2) PAUL THOMAS CORCORAN.

Application No. 362/MAS/87 filed on May 18, 1987.

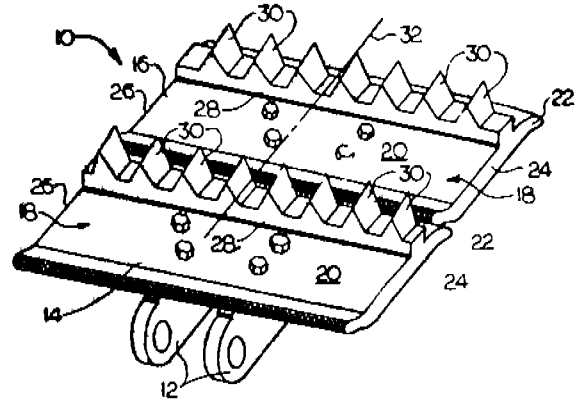
Convention date : September 29, 1986; (No. 1,252,496; Canada).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

4 Claims

A track shoe for an endless track assembly comprising :

a rectangularly shaped body (18) having a ground engageable surface (20), a leading end portion (22), and first and second edge portions (24, 26); a grouser bar (28) formed integrally with said body (18) and extending outwardly away from said ground engageale surface (20), said grouser (28) offset toward said leading end portion (22) and extending across said ground engageable surface (20) between said first and second edge portions (24, 26) said grouser (28) having a plurality of substantially equally spaced teeth (30), each tooth (30) having a leading end portion (34), a trailing end portion (36), and a tip edge portion (38) between said leading and trailing end portions (34, 36), said tip edge portion (38) tapering downwardly at an acute angle ("A") relative to said ground engageable surface (20) from said leading end portion (34) to said trailing end portion (36), said angle ("A") being in the range of 10 to 30 degrees :



(Com.-13 pages; Drwgs.-3 sheets).

Ind. Class : -126-B—[GROUP-LVIII(6)]

Int. Cl[4] : G 01V 1/22

A SYSTEM FOR THE TRANSMISSION OF SEISMIC SIGNALS BETWEEN A PLURALITY OF ACQUISITION BOXES.

Applicant : INSTITUT FANCAIS DU PETROLE, A FRENCH BODY CORPORATE, OF 4, AVENUE DE BOIS PREAU, 92502 RUEIL MALMAISON, FRANCE.

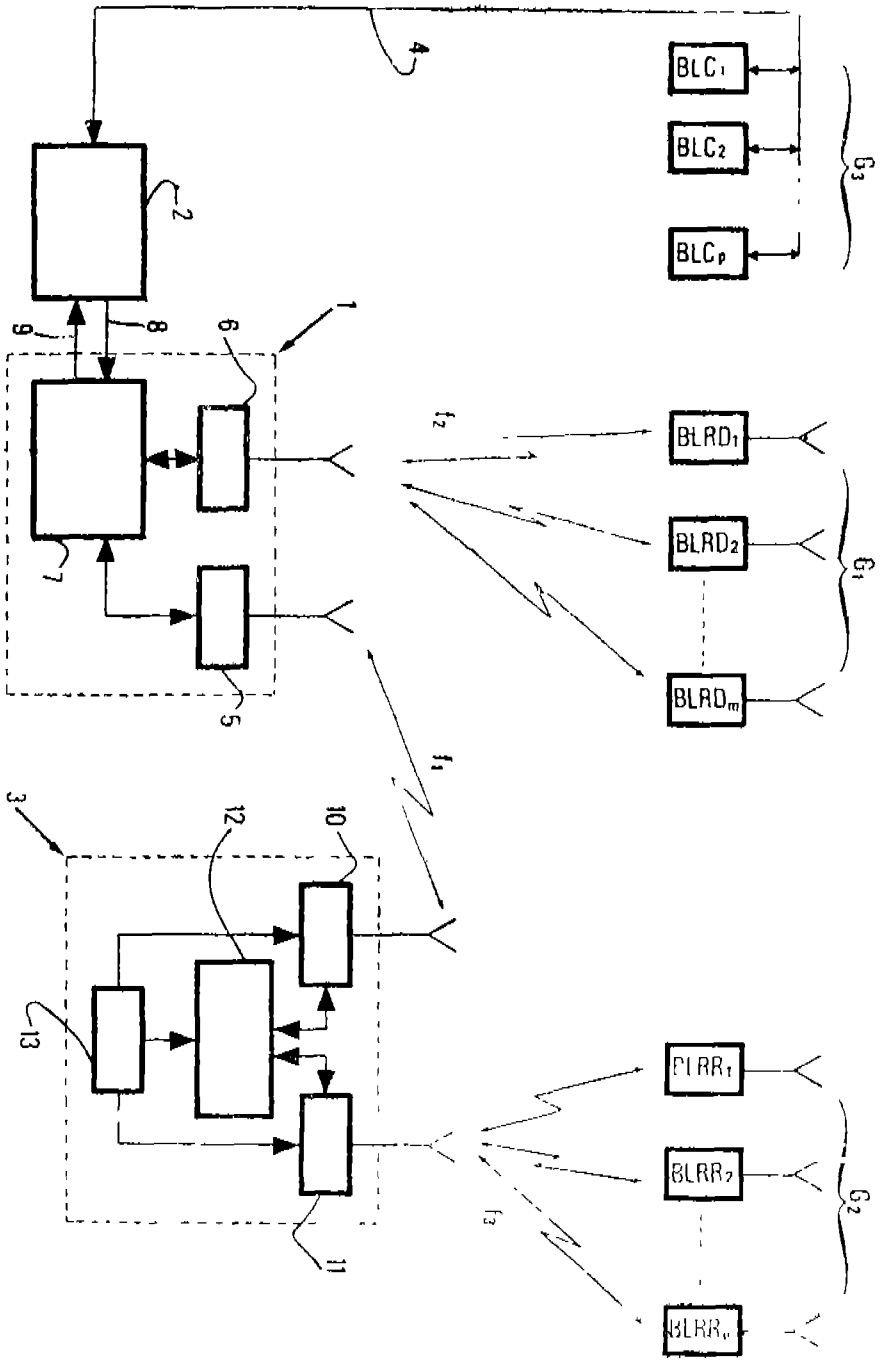
Inventors : (1) BERNARD DECONNCK
(2) ANDRE OLIVERES
(3) JOSEPH RIALAN
(4) GERARD THIERRY

Application No. 385/MAS/87 filed May 25, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A system for the transmission of seismic signals between a plurality of acquisition boxes each adapted for collecting the signals from at least one seismic receiver, for digitizing them and storing them and, on a command from a central control and recording laboratory, for transferring to this latter by short wave link the stored data comprising radio transmission and reception means associated respectively with the different acquisition boxes, a communications centralizing unit associated with the central laboratory having a first radio transmission and reception assembly adopted for operating at a first frequency and a second radio transmission and reception assembly adapted for operating at a second frequency different from the first one, and at least one rely unit, characterized in that each said relay unit, has a first radio transmission and reception assembly adapted for operating at said first frequency for providing the exchanges between said relay unit and the first radio transmission and reception assembly of the centralization unit, and a second radio transmission and reception assembly adapted for operating at a third frequency specific to each relay unit, for providing communication with at least a first group of acquisition boxes, the centralization unit having a control assembly with a programmable processing means for managing the transfer at the first frequency between the centralization unit and each relay unit as well as the transfers between the centralization unit and at least a second group of acquisition boxes at the second frequency, each relay unit having a control assembly with a programmable processing means for managing its own transfers at said third frequency with the first group of acquition boxes which is associated therewith.



(Com.—22 pages; Drwgs. 4 sheets)

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class. 1. No. 163380. Fiskars India Limited, 1st floor Veer Savarkar Bhavan, Opp. Congress Bhavan, Pune-411 005, Maharashtra State, India, An Indian Company duly registered and incorporated under the Companies Act, 1956. "Scissors". 5th July, 1991.

Class. 3. Nos. 163066 & 163067. Hindustan Lever Limited. a Company incorporated under the Indian Companies Act, 1913, registered office of which is at 165/166 Backbay Reclamation, Bombay 400 020, Maharashtra, India "Infusion Packet". 21st March, 1991.

Class. 3. No. 163078. International Business Machines Corporation, a company organised and existing under the laws of the State of New York, United States of America of Armonk, New York 10504, U.S.A. "Auxilliary Keypad". 25th March 1991.

Class. 3. N. 163081. Hindustan Lever Limited, 165/166 Backbay Reclamation, Hindustan Lever House, Bombay-400 020, Maharashtra, India. "Toothbrush". 25th March, 1991.

Class. 3. Nos. 163114 & 163115. Empire Trading Company, C-113, Naraina Industrial Area, Phase-I, New Delhi-110 028, India, a Partnership firm. "Cabinet for Transistor Radio". 8th April, 1991.

Class. 3. No. 163149, Sumitomo Rubber Industries, Ltd. a Japanese Corporation organised and existing under the laws of Japan, Manufacturers and Merchants, of No. 1-1, Tsutsuicho i-chome, Chuo-ku Kobeshi, Hyogo, Japan. "Tyre". 16th April, 1991.

Class. 3. No. 163405, Clearline Home Appliances (P) Ltd., 67, Sector 1, Parwanoo (H.P) India, An Indian Company. "Home Soda Maker". 11th July, 1991.

Class. 3. No. 163411. Eagle Flask Industries Limited, a company incorporated under the Companies Act having its office at Eagle Estate, Talegaon-410507 Dist. Pune in the State of Maharashtra within the Union of India. "Casserole". 16th July, 1991.

Class. 3. No. 163455. J. Damayandhi, an Indian Citizen, at No. 11/1, 5th Main Road, S. K. Nagar, YPR Post, Bangalore-560022, Karnataka State, India. "Container". 26th July, 1991.

Class. 3. No. 163476. Saileshco Industries, of 38, Sidco Industrial Estate, Kurichi, Coimbatore 641 021, Tamil Nadu, India, an Indian Partnership firm. "Toy Gun". 30th July, 1991.

Class. 3. No. 163544. Bharatiya Plastic Products, of 147/5B, Mittal Industrial Estate, Andheri Kurla Road Bombay 400 059, Maharashtra, India Partnership Firm. "Jar". 23rd August, 1991.

Class. 10. No. 163265. Ajay Plastic Industries an Indian Sole Proprietory firm of 95-96, Shahzada Bagh, Extention, Old Rohtak Road, Delhi-110 035 (India). "Footwear". 27th May, 1991.

Class. 10. No. 163375. Sanjeev Plastic Industries, 3142/228, Chander Nagar, Tri Nagar, Delhi-110 035, India, an Indian Partnership concern. "Chappal". 3rd July, 1991.

Class. 10. No. 163400. ICT Industries, a Partnership firm registered under the Indian Partnership Act, having office at Swastik Industrial Compound, Chincholi Bunder Road, Malad (West), Bombay-400 064, in the State of Maharashtra Within the Union of India. "Footwear". 10th July, 1991.

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एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1991
PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1991